## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

re Application of:

JUHA HEISKALA

For:

APPARATUS, AND ASSOCIATED METHOD, FOR FORMING A MODU

SIGNAL UTILIZING OTD AND TCM TECHNIQUES

U.S. Serial No .:

09/672,753

Filed:

**SEPTEMBER 28, 2000** 

Group Art Unit:

2634

Examiner:

AHN, SAM K.

Docket No.:

NC17164 (9019.067)

RECEIVED

MAR 1 1 2004

Technology Center 2600

Mail Stop Non-Fee Amendment Commissioner of Patents P.O. Box 1450 Alexandria, VA 22313-1450

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Mail Stop Non-Fee Amendment **Commissioner of Patents** P.O. Box 1450 Alexandria, VA. 22313-1450

on

March 3, 2004

### AMENDMENT AND RESPONSE PURSUANT TO 37 C.F.R. 1.111

Dear Sir:

In response to the Office action dated 3 December 2003, please amend the aboveidentified patent application as follows:

Amendments to the specification begin on page 2 of this paper.

Amendments to the claims are reflected in the listing of claims that begins on page 3 of this paper.

Remarks on page 8 of this paper.







# SCHEEF & STONE, L.L.P.

Legal counsel based on solid principles.

#### CERTIFICATE OF MAILING UNDER 37 CFR § 1.8

Date of Mailing: March 3, 2004

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March 3, 2004

DOCKET NUMBER: NC17164

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Sir:

Technology Center 2500

In re:

U.S. Serial No. 09/672,753

Inventor: Juha Heiskala

Title: APPARATUS, AND ASSOCIATED METHOD, FOR FORMING A MODULATED SIGNAL UTILIZING OTD AND

TCM TECHNIQUES

### Enclosed please find:

Amendment and Response Pursuant to 37 C.F.R. 1.111; and

Return post card

No fees are believed due at this time; however, the Commissioner is hereby authorized to charge payment of the following fees associated with this communication, or credit any overpayment, to Deposit Account No. 50-2032. A duplicate copy of this sheet is enclosed.

Any additional filing fees required under 37 CFR 1.16

Any patent application processing fees under 37 CFR 1.17

Respectfully submitted,

Ву

Robert H. Kelly, Reg. 76. 33,922

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